



## Carson T. Moss

- Affiliate, Department Funds
- Fellow in Medicine - Med/Pulmonary, Allergy & Critical Care Medicine

### Bio

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#### BIO

Dr. Carson T. Moss is a Pulmonary and Critical Care Medicine fellow at Stanford University, where he completed his Internal Medicine residency training. His clinical and research program centers on pulmonary complications in immunocompromised patients, with a primary focus on bronchiolitis obliterans syndrome (BOS), a rare and often irreversible obstructive airway disease arising as a manifestation of chronic graft-versus-host disease (cGVHD) following allogeneic hematopoietic cell transplantation (HCT). To characterize disease onset and progression, his investigative work applies quantitative CT imaging and longitudinal pulmonary function metrics as non-invasive diagnostic and monitoring tools, with parallel interest in respiratory infectious complications in this population. Central to this work is an emerging focus on bronchiectasis, particularly as a co-occurring complication of BOS after HCT.

Dr. Moss has contributed to multicenter clinical trials including STOP-BOS, ATHOS-III, and PETAL-ROSE, and his original research has been published in Blood Advances and Transplantation and Cellular Therapy, with findings presented at the American Thoracic Society International Conference. He conducts clinical and translational research within the Hsu Lab, in collaboration with Dr. Joe Hsu. Dr. Moss maintains an active commitment to medical education, with leadership experience in organized medicine and mentorship of trainees across academic medicine.

#### CLINICAL FOCUS

- Internal Medicine
- Fellowship
- Pulmonary Medicine
- Critical Care
- Fellow

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, Association of American Indian Physicians (2023 - present)
- Member, American College of Physicians (2023 - present)
- Member, CHEST (2023 - present)
- Member, American Thoracic Society (2023 - present)
- Member, California Thoracic Society (2025 - present)

#### PROFESSIONAL EDUCATION

- MD, Harvard Medical School (2023)

- BS, University of California, Davis (2017)

## Research & Scholarship

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### CURRENT CLINICAL INTERESTS

- Graft-Versus-Host Disease
- Bronchiolitis Obliterans
- Organizing pneumonia
- Bronchiectasis
- Immunocompromised Host

### LAB AFFILIATIONS

- Joe Hsu, Hsu Lab (11/1/2023)

## Publications

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### PUBLICATIONS

- **Bronchiectasis in bronchiolitis obliterans syndrome after hematopoietic cell transplantation.** *Transplantation and cellular therapy*  
Epstein, D. J., Rodriguez-Ormaza, N., Sharifi, H., Lai, Y. K., Guo, H. H., Borges, C. H., Omar, S. H., Sahota, A., Dhillon, E. S., Musa, Z. M., Moss, C. T., Chatterjee, P., Hofmann, et al  
2025
- **Pirfenidone for the treatment of bronchiolitis obliterans syndrome related to chronic graft-versus-host disease.** *Blood advances*  
Sharifi, H., Moss, C. T., Musa, Z., Bell, A., O'Donnell, C., Borges, C., Matthaiou, E. I., Johnston, L., Galban, C., Sheshadri, A., Yanik, G. A., Cheng, G. S., Hsu, et al  
2025
- **Allergic Bronchopulmonary Aspergillosis (ABPA) in the Era of Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Modulators.** *Journal of fungi (Basel, Switzerland)*  
Chatterjee, P., Moss, C. T., Omar, S., Dhillon, E., Hernandez Borges, C. D., Tang, A. C., Stevens, D. A., Hsu, J. L.  
2024; 10 (9)
- **Home Hospital Outcomes for Acute Decompensated Heart Failure and Factors Associated With Escalation of Care.** *Circulation. Cardiovascular quality and outcomes*  
Achanta, A., Wasfy, J. H., Moss, C. T., Cherukara, A., Ho, D., Boxer, R., Schmieding, M., Phadke, N. A., Thompson, R., Levine, D. M., Weiner, R. B.  
2023: e010031
- **Caregiver burden in a home hospital versus traditional hospital: A secondary analysis of a randomized controlled trial.** *Journal of the American Geriatrics Society*  
Moss, C. T., Schnipper, J. L., Levine, D. M.  
2023
- **The Reply.** *The American journal of medicine*  
Barkoudah, E., Moss, C., Connell, N. T.  
2023; 136 (3): e56
- **Occam's Razor for Severe B12 Deficiency.** *The American journal of medicine*  
Moss, C., Patil, D. T., Connell, N. T., Zon, R. L., Barkoudah, E.  
2022; 135 (7): 844-847

### PRESENTATIONS

- HOME HOSPITAL OUTCOMES FOR ACUTE DECOMPENSATED HEART FAILURE AND FACTORS ASSOCIATED WITH ESCALATION OF CARE - World Hospital At Home Congress (April 1, 2023)
- FAMILY CAREGIVER BURDEN IN A HOME HOSPITAL VERSUS TRADITIONAL HOSPITAL: A SECONDARY ANALYSIS OF A RANDOMIZED CONTROLLED TRIAL - World Hospital At Home Congress (March 31, 2023)